

# Package ‘onelogin’

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**Type** Package

**Title** Interact with the 'OneLogin' API

**Version** 0.2.0

**Description** The identity provider ['OneLogin']<<http://onelogin.com>> is used for authentication via Single Sign On (SSO). This package provides an R interface to their API.

**License** MIT + file LICENSE

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ol_invite_gen_link	<i>Generate Invite Link</i>
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## Description

Generate Invite Link

## Usage

```
ol_invite_gen_link(con, email)
```

## Arguments

con	a 'OneLogin' connection
email	email of a user

## Value

data frame with email and invite link

## Examples

```
if(interactive()) ol_invite_gen_link(onelogin(), "example@example.com")
```

---

ol\_invite\_send\_link    *Send Invite Links*

---

**Description**

Send Invite Links

**Usage**

```
ol_invite_send_link(con, email)
```

**Arguments**

con	a 'OneLogin' connection
email	email of a user

**Examples**

```
if (interactive()) ol_invite_send_link(onelogin(), "example@example.com")
```

---

ol\_roles\_get    *Get all available roles*

---

**Description**

Get all available roles

**Usage**

```
ol_roles_get(con, ...)
```

**Arguments**

con	a 'OneLogin' connection
...	filters for the roles. See options in the <a href="#">API docs</a> .

**Value**

a tibble of roles

**Examples**

```
if (interactive()) ol_roles_get(onelogin())
```

---

ol\_role\_get\_by\_id      *Get details of particular role*

---

**Description**

Get details of particular role

**Usage**

```
ol_role_get_by_id(con, role_id)
```

**Arguments**

con	a 'OneLogin' connection
role_id	the id of a role

**Value**

a tibble of details on the role

**Examples**

```
if (interactive()) ol_role_get_by_id(onelogin(), 1234)
```

---

ol\_token\_get      *Generate a 'OneLogin' token*

---

**Description**

Generate a 'OneLogin' token

**Usage**

```
ol_token_get(con)
```

**Arguments**

con	a 'OneLogin' connection
-----	-------------------------

**Value**

A 'OneLogin' connection with auth token

**Examples**

```
if(interactive()) ol_token_get(onelogin())
```

---

ol\_token\_get\_rate\_limit  
*Get 'OneLogin' API rate limit*

---

**Description**

Get 'OneLogin' API rate limit

**Usage**

```
ol_token_get_rate_limit(con)
```

**Arguments**

con                    a 'OneLogin' connection

**Value**

A tibble of rate limit data

**Examples**

```
if(interactive()) ol_token_get_rate_limit(onelogin())
```

---

ol\_token\_refresh        *Refresh 'OneLogin' auth token*

---

**Description**

Refresh 'OneLogin' auth token

**Usage**

```
ol_token_refresh(con)
```

**Arguments**

con                    a 'OneLogin' connection

**Value**

A 'OneLogin' connection with refreshed auth token

**Examples**

```
if(interactive()) ol_token_refresh(onelogin())
```

---

ol_token_revoke	<i>Revoke OneLogin access token</i>
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---

**Description**

Revoke OneLogin access token

**Usage**

```
ol_token_revoke(con)
```

**Arguments**

con                    a 'OneLogin' connection

**Value**

A tibble of response status

**Examples**

```
#' if(interactive()) ol_token_revoke(onelogin())
```

---

ol_users_get	<i>Get Users from OneLogin</i>
--------------	--------------------------------

---

**Description**

You can filter the user by various parameters in onelogin. See the [page in the API docs](#) for filter options.

**Usage**

```
ol_users_get(con, ...)
```

**Arguments**

con                    a 'OneLogin' connection  
...                    filter parameters, optional; see API documentation

**Details**

The id column in the returned tibble is the user\_id for any of the user functions that are by id.

**Value**

A tibble of users and their attributes

**Examples**

```
if (interactive()) ol_users_get(onelogin())
if (interactive()) ol_users_get(onelogin(), firstname = "name")
```

---

ol\_user\_assign\_role    *Assign role to user*

---

**Description**

Assign role to user

**Usage**

```
ol_user_assign_role(con, user_id, role_id_array)
```

**Arguments**

con	a 'OneLogin' connection
user_id	user id
role_id_array	numeric, one or more roles

**Examples**

```
if (interactive()) ol_user_assign_role(onelogin(), 54963040, 268986)
```

---

ol\_user\_create        *Create a 'OneLogin' user.*

---

**Description**

For a full listing of available fields, see the [API documentation](#)

**Usage**

```
ol_user_create(con, firstname, lastname, email, username, ...)
```

**Arguments**

con	a 'OneLogin' connection
firstname	first name, character
lastname	last name, character
email	full email, character
username	username
...	other named parameters for the person

**Value**

A tibble of user data

**Examples**

```
if (interactive()) ol_user_create(onelogin(), "Fake", "User",
  "fake@user.com", "fake")
```

---

ol_user_delete	<i>Delete user</i>
----------------	--------------------

---

**Description**

Delete user

**Usage**

```
ol_user_delete(con, user_id)
```

**Arguments**

con	a 'OneLogin' connection
user_id	user id

**Examples**

```
if (interactive()) ol_user_delete(onelogin(), 54963040)
```

---

ol_user_get_apps	<i>Get Apps for User</i>
------------------	--------------------------

---

**Description**

Get Apps for User

**Usage**

```
ol_user_get_apps(con, user_id)
```

**Arguments**

con	a 'OneLogin' connection
user_id	user id

**Value**

A tibble of user data (one row)

**Examples**

```
if (interactive()) ol_user_get_apps(onelogin(), 54400533)
```

---

ol\_user\_get\_by\_id      *Get a User by their ID*

---

**Description**

Get a User by their ID

**Usage**

```
ol_user_get_by_id(con, user_id)
```

**Arguments**

con                    a 'OneLogin' connection  
user\_id                user id

**Value**

A tibble of user data (one row)

**Examples**

```
if (interactive()) ol_user_get_by_id(onelogin(), 54400533)
```

---

ol\_user\_get\_custom\_fields  
                          *Get custom fields available for users*

---

**Description**

Get custom fields available for users

**Usage**

```
ol_user_get_custom_fields(con)
```

**Arguments**

con                    a 'OneLogin' connection

**Value**

A tibble of custom fields available

**Examples**

```
if (interactive()) ol_user_get_custom_fields(onelogin())
```

---

ol\_user\_get\_roles      *Get Roles for a User*

---

**Description**

Get Roles for a User

**Usage**

```
ol_user_get_roles(con, user_id)
```

**Arguments**

con	a 'OneLogin' connection
user_id	user id

**Value**

A data frame of the user id and role

**Examples**

```
if (interactive()) ol_user_get_roles(onelogin(), 54400533)
```

---

ol\_user\_lock\_account      *Lock user*

---

**Description**

Lock user

**Usage**

```
ol_user_lock_account(con, user_id, locked_until = 0)
```

**Arguments**

con	a 'OneLogin' connection
user_id	user id
locked_until	numeric, number of minutes, default to 0 see <a href="#">API documentation</a> for more details

**Examples**

```
if (interactive()) ol_user_lock_account(onelogin(), 54963040)
```

---

ol_user_log_out	<i>Log user out</i>
-----------------	---------------------

---

**Description**

Log user out

**Usage**

```
ol_user_log_out(con, user_id)
```

**Arguments**

con	a 'OneLogin' connection
user_id	user id

**Examples**

```
if (interactive()) ol_user_log_out(onelogin(), 54963040)
```

---

ol_user_pwd_cleartext	<i>Set or change user's password</i>
-----------------------	--------------------------------------

---

**Description**

Set or change user's password

**Usage**

```
ol_user_pwd_cleartext(con, user_id, password, password_confirmation,
  validate_policy = FALSE)
```

**Arguments**

con	a 'OneLogin' connection
user_id	user id
password	character, new password
password_confirmation	character, new password
validate_policy	utilize password policy checks? defaults to FALSE

**Examples**

```
if (interactive()) ol_user_pwd_cleartext(onelogin(), 54963040, "pwd", "pwd")
```

---

```
ol_user_pwd_sha256_salt
```

*Set or changes user's password after encryption*

---

**Description**

See the [API docs](#) for details on how to encrypt the password.

**Usage**

```
ol_user_pwd_sha256_salt(con, user_id, password, password_confirmation,
  password_algorithm = "salt+sha256", password_salt = "")
```

**Arguments**

con	a 'OneLogin' connection
user_id	user id
password	character, new password
password_confirmation	character, new password
password_algorithm	algorithm, defaults to "salt+sha256"
password_salt	defaults to ""

**Examples**

```
if (interactive()) ol_user_pwd_sha256_salt(onelogin(), 54963040,
  safer::encrypt_string("saltpwd"), safer::encrypt_string("saltpwd"),
  password_salt = "salt")
```

---

ol\_user\_remove\_role     *Remove role from user*

---

**Description**

Remove role from user

**Usage**

```
ol_user_remove_role(con, user_id, role_id_array)
```

**Arguments**

con	a 'OneLogin' connection
user_id	user id
role_id_array	numeric, one or more roles

**Examples**

```
if (interactive()) ol_user_remove_role(onelogin(), 54963040, 268986)
```

---

ol\_user\_set\_custom\_attr  
                          *Set custom attribute for users*

---

**Description**

See [ol\\_user\\_get\\_custom\\_fields](#) to get custom fields

**Usage**

```
ol_user_set_custom_attr(con, user_id, ...)
```

**Arguments**

con	a 'OneLogin' connection
user_id	user id
...	named custom attributes to set

**Examples**

```
if (interactive()) ol_user_set_custom_attr(onelogin, 54963040, attr = "value")
```

---

ol\_user\_set\_state      *Set user state*

---

**Description**

Set user state

**Usage**

```
ol_user_set_state(con, user_id, state)
```

**Arguments**

con	a 'OneLogin' connection
user_id	user id
state	numeric, 0-3, see <a href="#">documentation</a> for value meanings

**Examples**

```
if (interactive()) ol_user_set_state(onelogin(), 54963040, 1)
```

---

ol\_user\_update      *Update user information by ID*

---

**Description**

Update user information by ID

**Usage**

```
ol_user_update(con, user_id, ...)
```

**Arguments**

con	a 'OneLogin' connection
user_id	user id
...	named parameters to change in request

**Value**

A tibble of user data

**Examples**

```
if (interactive()) ol_user_update(onelogin(), 54963040, firstname = "Fake1")
```

---

onelogin	<i>Define a 'OneLogin' Connection</i>
----------	---------------------------------------

---

**Description**

Define a connection to the 'OneLogin' API. Please see the [API documentation](#) for details on using this API and on getting credentials.

**Usage**

```
onelogin(region = "US", client_id = Sys.getenv("ONELOGIN_CLIENT_ID"),
         client_secret = Sys.getenv("ONELOGIN_CLIENT_SECRET"))
```

**Arguments**

region	either "US" or "EU", defaults to "US"
client_id	'OneLogin' client ID, defaults to Sys.getenv("ONELOGIN_CLIENT_ID")
client_secret	'OneLogin' client secret, defaults to Sys.getenv("ONELOGIN_CLIENT_SECRET")

**Value**

A 'OneLogin' connection

**Examples**

```
if (interactive()) onelogin(region = "US")
```

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